

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073124\
 Data File : VX042771.D
 Acq On : 31 Jul 2024 14:27
 Operator : JC/MD
 Sample : P3378-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 01 01:50:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 01:44:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

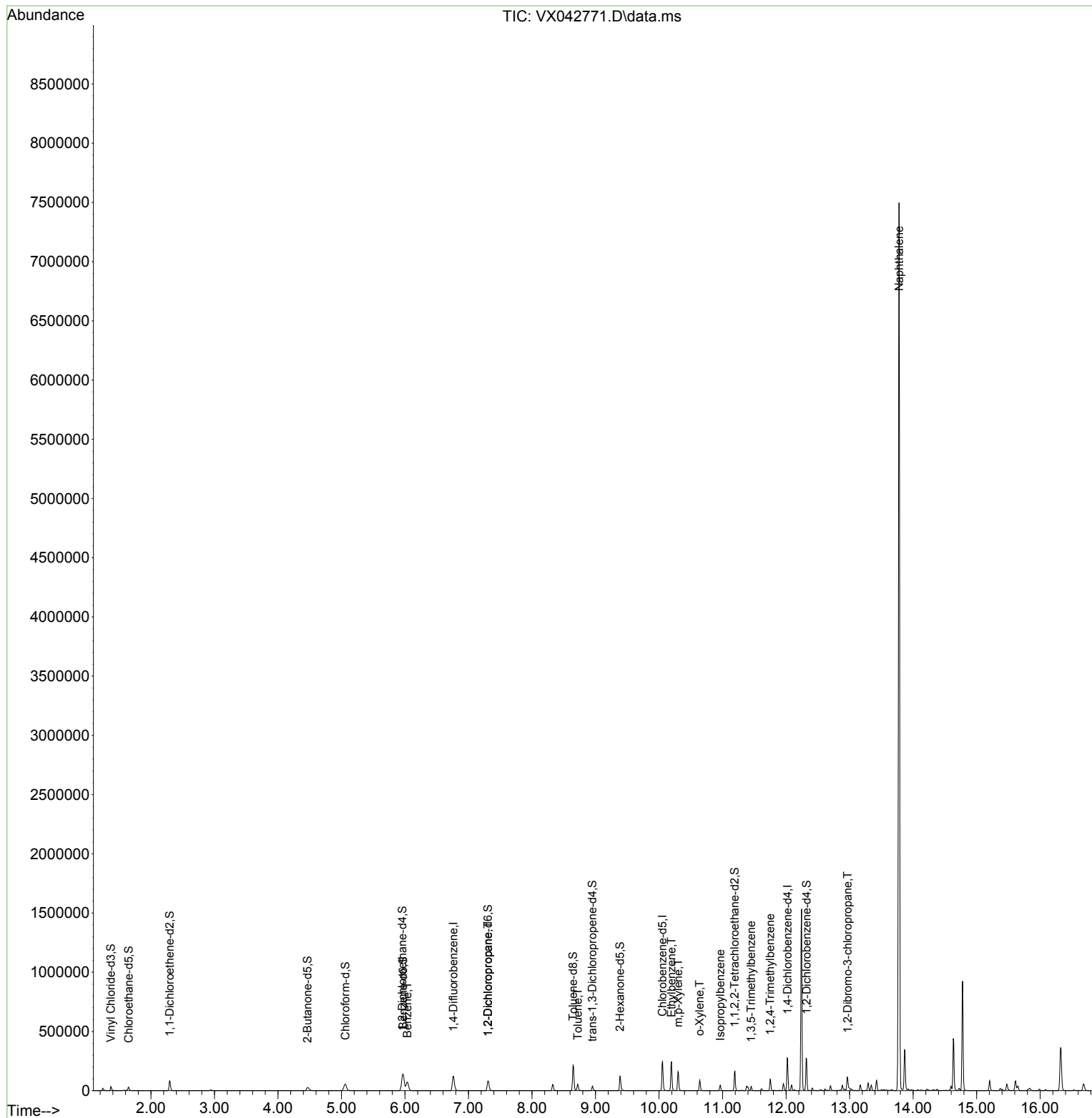
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	128236	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	118617	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	59213	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	26679	34.244	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.480%
7) Chloroethane-d5	1.648	69	15460	48.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.320%
11) 1,1-Dichloroethene-d2	2.294	65	14618	38.082	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.160%
21) 2-Butanone-d5	4.464	46	44396	76.887	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.890%
24) Chloroform-d	5.062	84	72070	42.263	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.520%
26) 1,2-Dichloroethane-d4	5.958	65	49948	45.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.800%
32) Benzene-d6	5.970	84	140677	42.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.460%
36) 1,2-Dichloropropane-d6	7.305	67	39393	40.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.860%
41) Toluene-d8	8.647	98	131883	44.681	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.360%
43) trans-1,3-Dichloroprop...	8.951	79	18421	40.402	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.800%
47) 2-Hexanone-d5	9.384	63	38085	87.429	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.430%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	61474	43.822	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.640%
66) 1,2-Dichlorobenzene-d4	12.323	152	53391	47.711	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.420%
Target Compounds						
					Qvalue	
33) Benzene	6.037	78	92621	25.515	ug/L	100
37) 1,2-Dichloropropane	7.305	63	5241	5.555	ug/L #	86
42) Toluene	8.720	91	35642	9.533	ug/L	96
52) Ethylbenzene	10.195	91	143254	34.933	ug/L	97
53) m,p-Xylene	10.299	106	37604	24.341	ug/L	100
54) o-Xylene	10.640	106	19888	12.941	ug/L	95
60) Isopropylbenzene	10.963	105	23644	5.285	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	15387	4.135	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	42273	11.505	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.969	75	2854	7.820	ug/L #	2
71) Naphthalene	13.780	128	4475914	1108.608	ug/L	97

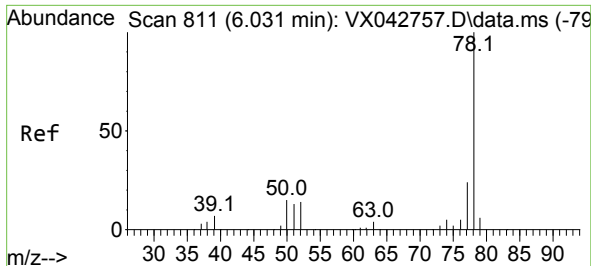
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 01 01:44:51 2024
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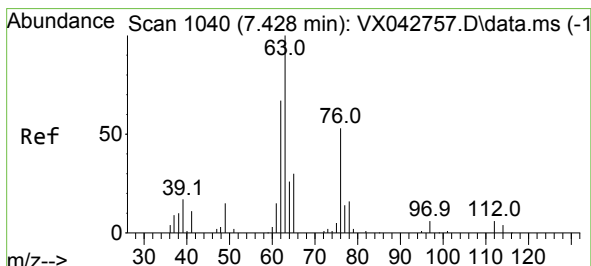
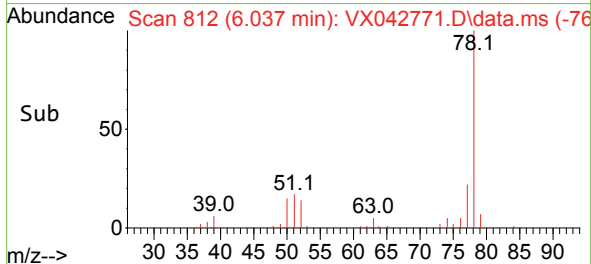
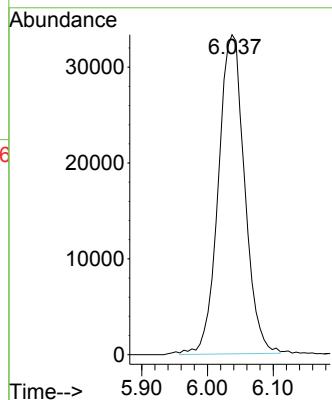
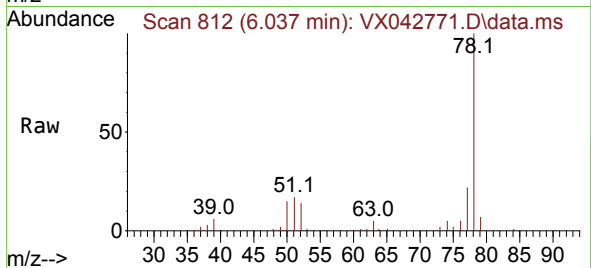




#33
Benzene
Concen: 25.515 ug/L
RT: 6.037 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX042771.D
Acq: 31 Jul 2024 14:27

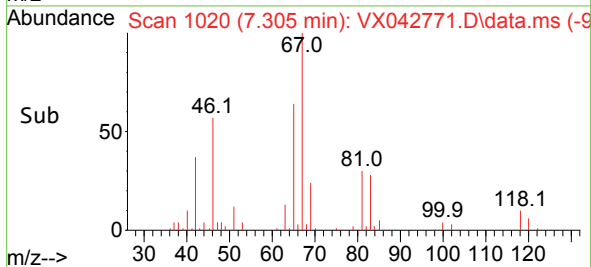
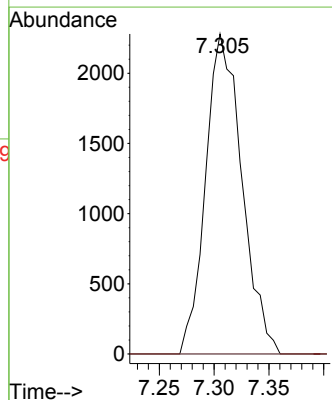
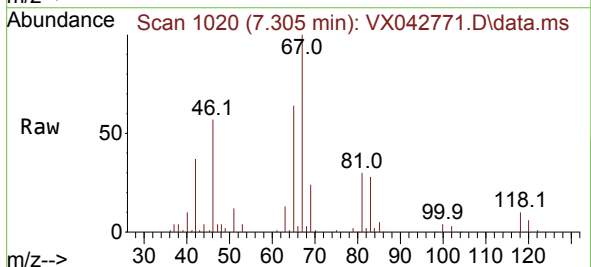
Instrument :
MSVOA_X
ClientSampleId :

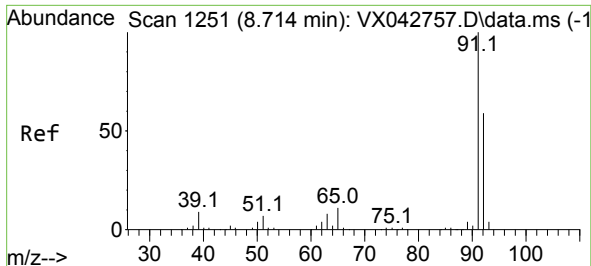
Tgt Ion: 78 Resp: 92621



#37
1,2-Dichloropropane
Concen: 5.555 ug/L
RT: 7.305 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX042771.D
Acq: 31 Jul 2024 14:27

Tgt Ion: 63 Resp: 5241
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#42

Toluene

Concen: 9.533 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX042771.D

Acq: 31 Jul 2024 14:27

Instrument :

MSVOA_X

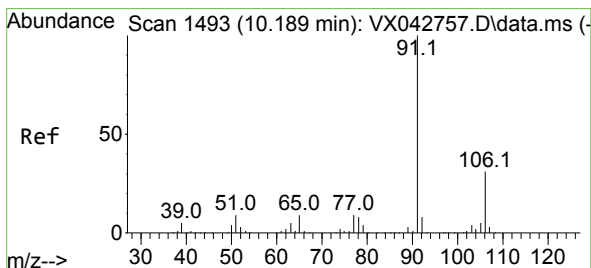
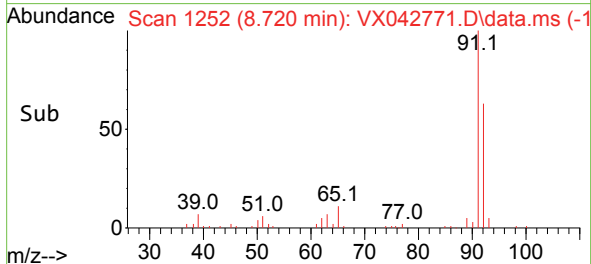
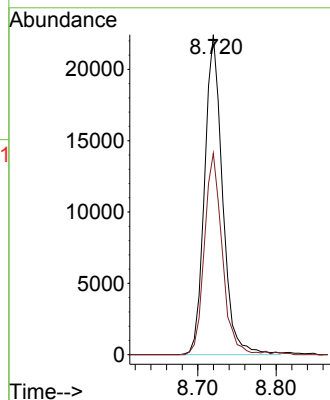
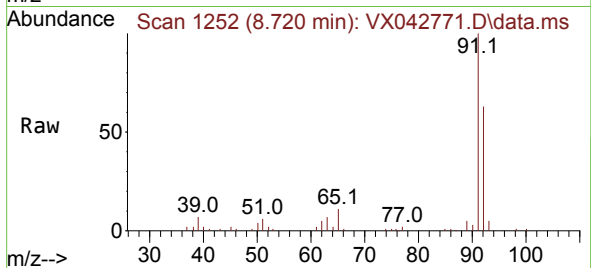
ClientSampleId :

Tgt Ion: 91 Resp: 35642

Ion Ratio Lower Upper

91 100

92 63.0 41.9 77.7



#52

Ethylbenzene

Concen: 34.933 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX042771.D

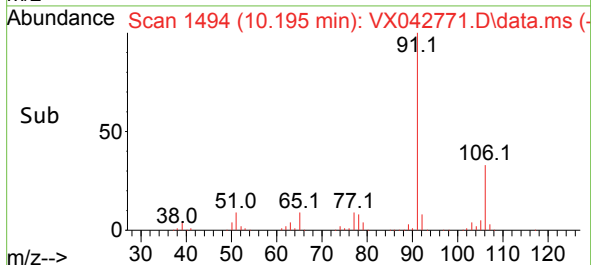
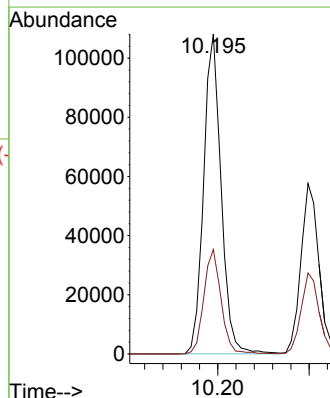
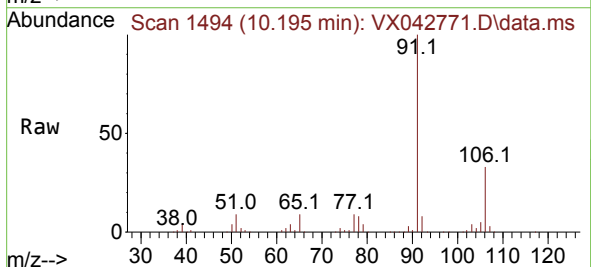
Acq: 31 Jul 2024 14:27

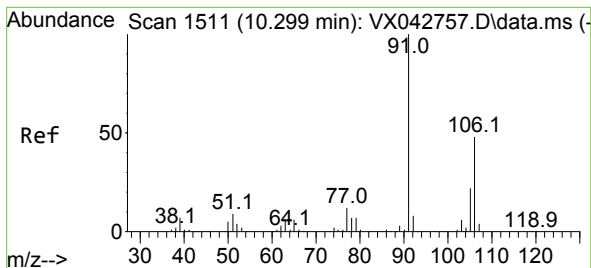
Tgt Ion: 91 Resp: 143254

Ion Ratio Lower Upper

91 100

106 32.6 21.8 40.4





#53

m,p-Xylene

Concen: 24.341 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX042771.D

Acq: 31 Jul 2024 14:27

Instrument :

MSVOA_X

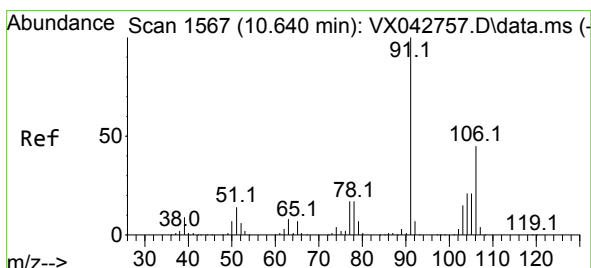
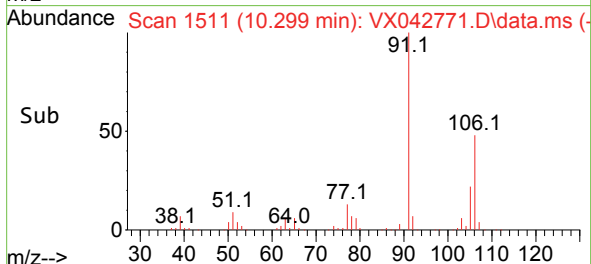
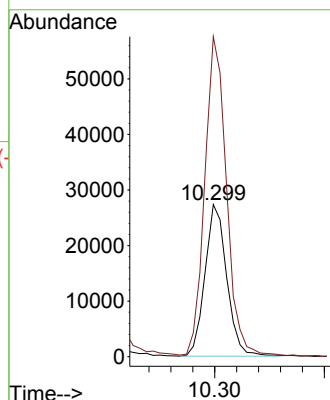
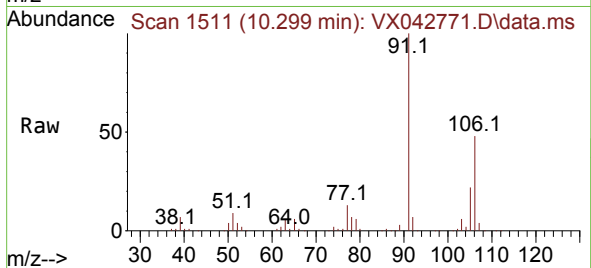
ClientSampleId :

Tgt Ion:106 Resp: 37604

Ion Ratio Lower Upper

106 100

91 210.3 146.8 272.6



#54

o-Xylene

Concen: 12.941 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX042771.D

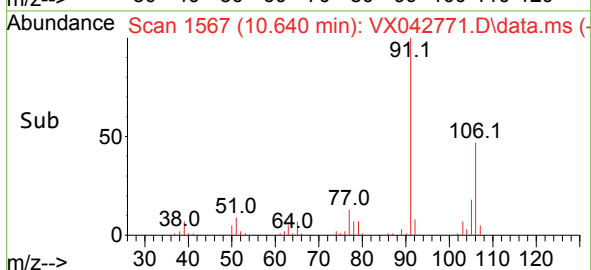
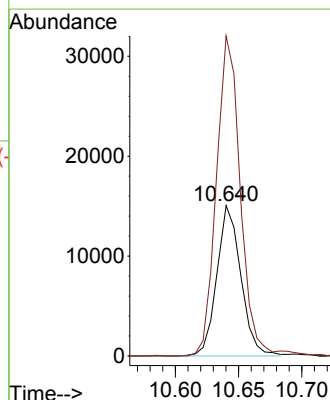
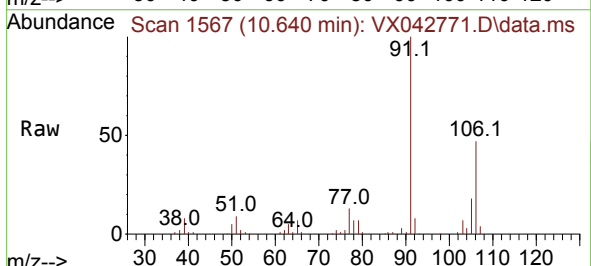
Acq: 31 Jul 2024 14:27

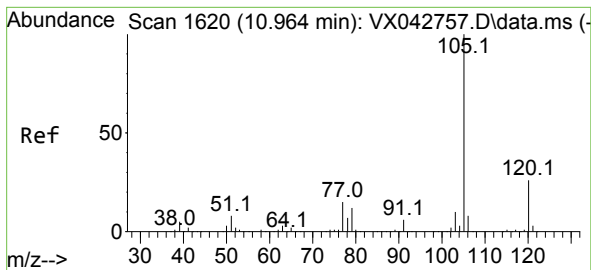
Tgt Ion:106 Resp: 19888

Ion Ratio Lower Upper

106 100

91 212.8 154.6 287.2





#60

Isopropylbenzene

Concen: 5.285 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042771.D

Acq: 31 Jul 2024 14:27

Instrument :

MSVOA_X

ClientSampleId :

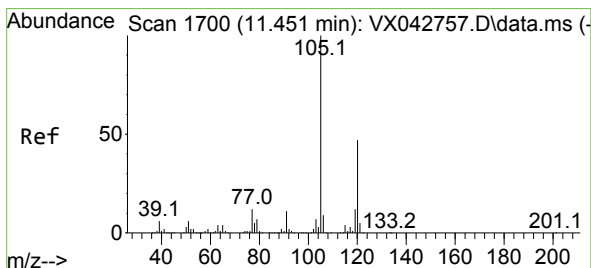
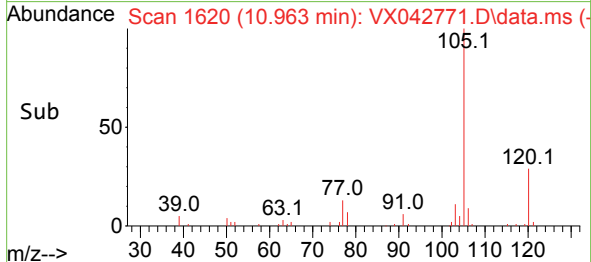
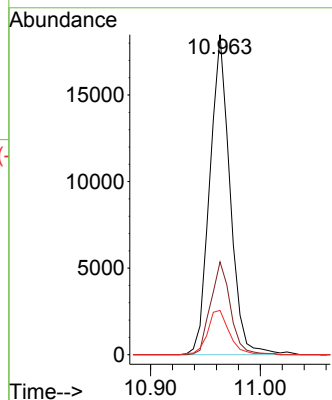
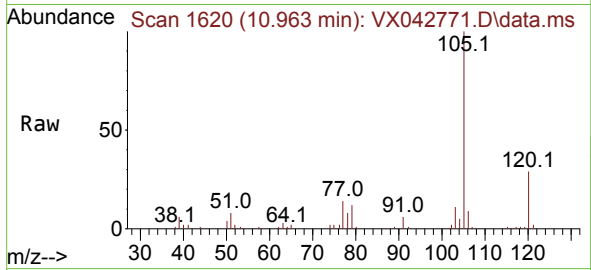
Tgt Ion:105 Resp: 23644

Ion Ratio Lower Upper

105 100

120 28.4 21.0 31.6

77 14.8 12.9 19.3



#62

1,3,5-Trimethylbenzene

Concen: 4.135 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042771.D

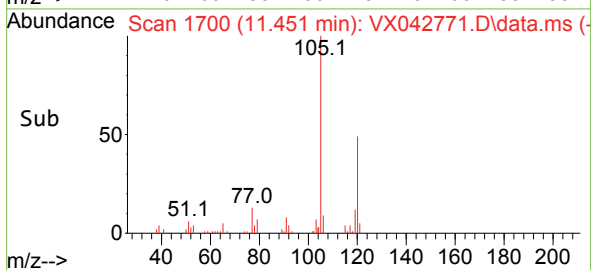
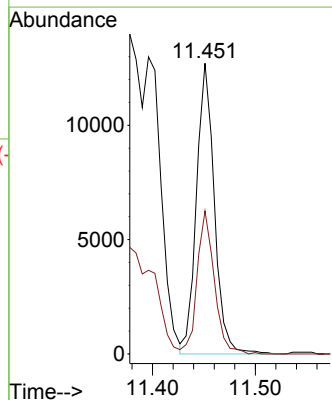
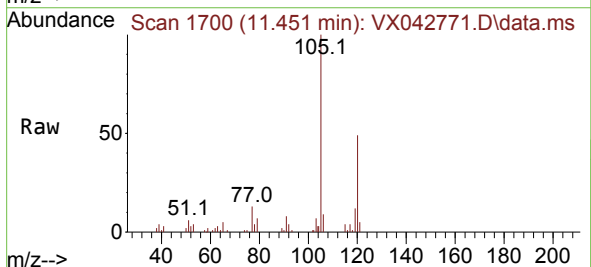
Acq: 31 Jul 2024 14:27

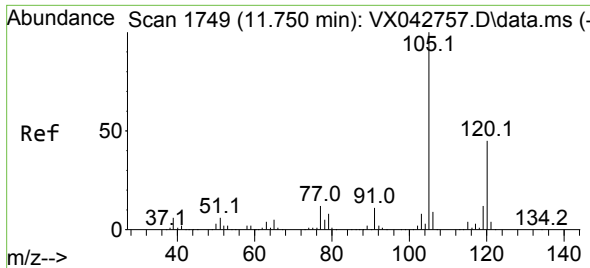
Tgt Ion:105 Resp: 15387

Ion Ratio Lower Upper

105 100

120 47.1 38.2 57.2

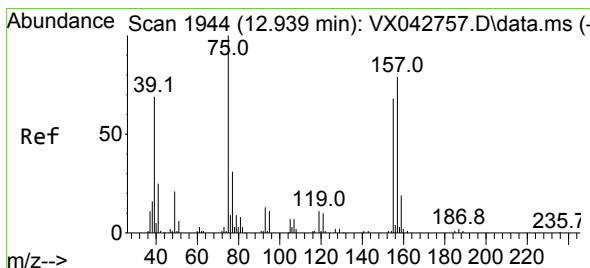
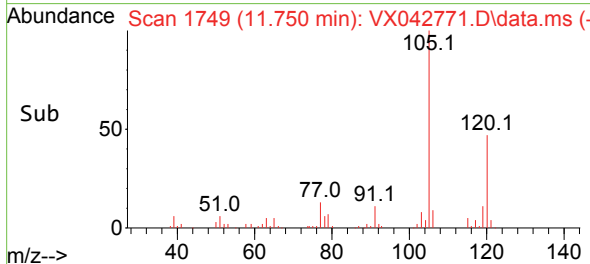
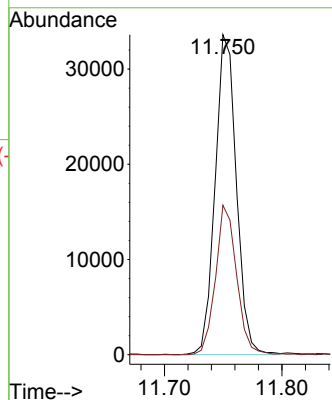
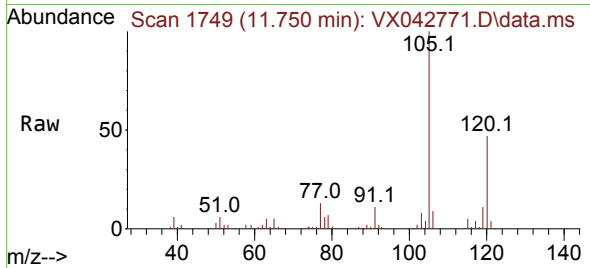




#63
 1,2,4-Trimethylbenzene
 Concen: 11.505 ug/L
 RT: 11.750 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX042771.D
 Acq: 31 Jul 2024 14:27

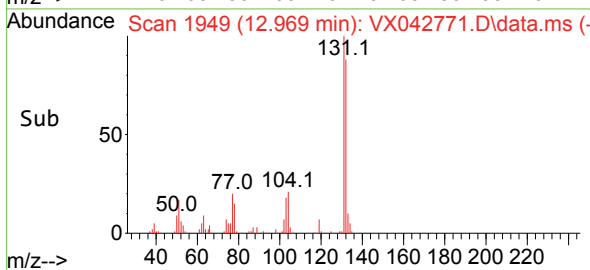
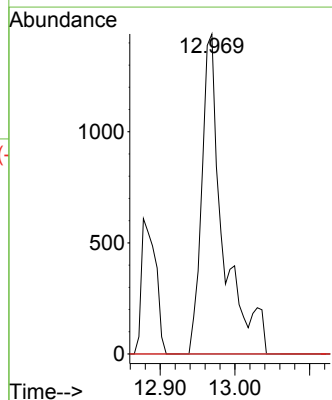
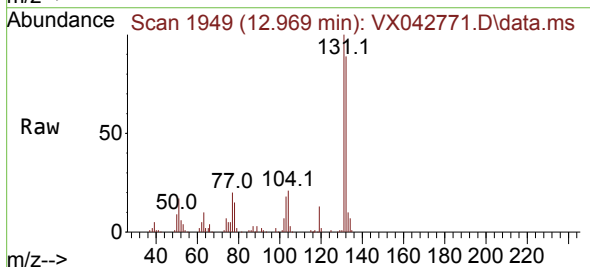
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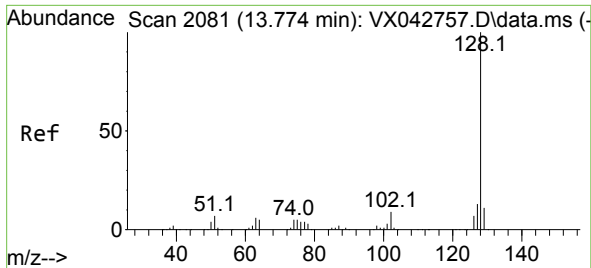
Tgt Ion:105 Resp: 42273
 Ion Ratio Lower Upper
 105 100
 120 46.2 35.2 52.8



#68
 1,2-Dibromo-3-chloropropane
 Concen: 7.820 ug/L
 RT: 12.969 min Scan# 1949
 Delta R.T. 0.030 min
 Lab File: VX042771.D
 Acq: 31 Jul 2024 14:27

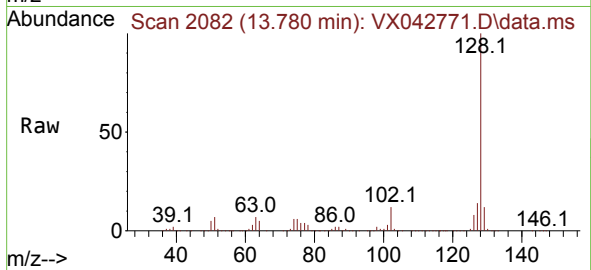
Tgt Ion: 75 Resp: 2854
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.1 97.7#
 157 0.0 85.8 128.6#





#71
Naphthalene
Concen: 1108.608 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042771.D
Acq: 31 Jul 2024 14:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 4475914
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 11.8 8.7 13.1

